

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	5
-------	---	----	---

Complete if Known

Application Number	10/561,671
Filing Date	December 22, 2005
First Named Inventor	Vikso-Nielsen et al.
Art Unit	1651
Examiner Name	TBA
Attorney Docket Number	10473.204-US

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Sheridan Macauley/	Date Considered	07/30/2009
--------------------	---------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents, Washington, DC 20231.**

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.M./

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/561,671		
		Filing Date	December 22, 2005		
		First Named Inventor	Vikso-Nielsen et al.		
		Art Unit	1651		
		Examiner Name	TBA		
Sheet	2	of	5	Attorney Docket Number	10473.204-US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Protest Under 37 CFR 1.291 with Applicant's Consent	
		Abe et al., Carbohydrate Research, Vol. 175, pp.85-92 (1988)	
		Arasaratnam et al., Starch, Vol. 50, No. 6, pp. 264-266 (1998)	
		Yusaku Fujio, Biotechnology and Bioengineering, Vol. XXVI, pp. 315-319 (1984)	
		Fujio et al., Biotechnology and Bioengineering, Vol. XXVII, pp. 1270-1273 (1985)	
		Haska et al., Starch, Vol. 45, No. 7, pp. 241-244 (1993)	
		Haska et al., Starch, Vol. 43, No. 3, pp. 102-107 (1991)	
		Hayashida et al., Agric. Biol. Chem., Vol. 45, No. 12, pp. 2675-2681 (1981)	
		Hayashida et al., Applied and Environmental Microbiology, Vol. 54, No. 6, pp.1516-1522 (June 1988)	
		Hayashida et al., Agric. Biol. Chem., Vol. 46, No. 7, pp. 1947-1950 (1982)	
		Hayashida et al., Agr. Biol. Chem., Vol. 39, Vol. 11, pp. 2093-2099 (1975)	
		Hayashida et al., Agr. Biol. Chem., Vol. 40, No. 1, pp. 141-146 (1976)	
		Hayashida et al., Agr. Biol. Chem., Vol. 42, No. 5, pp. 927-933 (1978)	
		Hayashida et al., Agr. Biol. Chem., Vol. 46, No. 6, pp. 1639-1645 (1982)	
		Ueda et al., Die Starke, No. 11, pp. 374-378 (1974)	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/561,671		
		Filing Date	December 22, 2005		
		First Named Inventor	Vikso-Nielsen et al.		
		Art Unit	1651		
		Examiner Name	TBA		
Sheet	3	of	5	Attorney Docket Number	10473.204-US

		Itkor et al., Agr. Biol. Chem., Vol. 53, No. 1, pp. 53-60 (1989)	
		Itkor et al., Biochemical and Biophysical Research Communications, Vol. 166, No. 2, pp. 630-636 (1990)	
		Park et al., Biotechnology and Bioengineering, Vol., XXIV, pp. 495-500 (1982)	
		Abstract of JP 7099979, WPI Acc NO: 1995-182071/199524	
		Abstract of JP 57018991, WPI Acc NO: 1982-18787E/198210	
		Japanese Patent Laid-Open No. 58/005,145 Date January 12, 1983 App No. 56/100,306 Date: June 27, 1981	
		Mikuni et al., Biotechnology and Bioengineering, Vol., XXIX, pp. 729-732 (1987)	
		Norman et al., Cereal: A Renewable Resource, "Ethanol Process Considerations", pp. 651-665	
		Su et al., Kor. J. Appl. Microbiol. Bioeng., Vol. 14, No. 5, pp. 415-420 (1986)	
		Oh et al., Kor. J. Appl. Microbiol. Bioeng., Vol. 15, No. 6, pp. 408-413 (1987)	
		Park et al., Biotechnology and Bioengineering, Vol. XXIV, pp. 495-500 (1982)	
		Pranamuda et al., http://www.actahort.org/books/389/389_15.htm , "Ethanol Production from Raw Sago Starch Under Unsterile Condition"	
		Robertson et al., "Native or Raw Starch Digestion: A Key Step in Energy Efficient Biorefining of Grain"	
		Saha et al., Biotechnology and Bioengineering, Vol. XXV, pp. 1181-1186 (1983)	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/561,671		
		Filing Date	December 22, 2005		
		First Named Inventor	Vikso-Nielsen et al.		
		Art Unit	1651		
		Examiner Name	TBA		
Sheet	4	of	5	Attorney Docket Number	10473.204-US

		Suresh et al., Bioprocess Engineering, Vol. 21, pp. 165-168 (1999)	
		Ueda et al., Die Starke, No. 4, pp. 123-128 (1975)	
		Ueda et al., Biotechnology and Bioengineering, Vol. XXIII, pp. 291-299 (1981)	
		Ueda et al., Microbiological Sciences Vol. 1, No. 1, pp. 21-24 (1984)	
		Ueda et al., Die Starke, No. 11, pp. 374-378 (1974)	
		Yasmeen et al., Poster Presentation 6-23, http://www.ct.ornl.gov/symposium/24th/index_files/poster06_23.htm	
		PMID-8836148, "Raw Starch-digesting and thermostable alpha-amylase from <i>Cryptococcus</i> sp. S-2: purification, characterization, clone sequencing" (1996)	
		Richardson et al., J. Biol. Chem., Vol. 277, Issue 29, pp. 26501-26507, (July 19, 2002)	
		Shiau et al., Applied and Environmental Microbiology, Vol. 69, No. 4, pp. 2383-2385 (April 2003)	
		Labaut et al., Starch, Vol. 37, No. 5, pp. 157-161 (1985)	
		W.M. Ingledew, Chapter 5, "Alcohol Production by <i>Saccharomyces Cerevisiae</i> : a yeast primer", pp. 49-87	
		Saha et al., J. Ferment. Echnol., Vol. 61, No. 1, pp. 67-72 (1983)	
		Singh et al., J. Basic Microbiol. Vol. 35, No. 2, pp. 117-121 (1995_	
		Lin et al., Biotechnol. Appl. Biochem., Vol. 28, pp. 61-68 (1998)	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/561,671
				Filing Date	December 22, 2005
				First Named Inventor	Vikso-Nielsen et al.
				Art Unit	1651
				Examiner Name	TBA
Sheet	5	of	5	Attorney Docket Number	10473.204-US

		Hayashida et al., Vol. 10, p. 529-535 (1974) Abstract Only	
--	--	---	--

Examiner Signature	/Sheridan Macauley/	Date Considered	07/30/2009
-----------------------	---------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents, Washington, DC 20231.